

1, 22090-66 EWT(m)/T/EWP(t) IJP(c) JD/JG  
ACC NR: AP6012939 SOURCE CODE: UR/0070/65/010/001/0029/0031

AUTHOR: Azarkh, Z. M.; Funin, V. N.

ORG: none

TITLE: X-ray structural phase analysis of the scandium-hydrogen system

SOURCE: Kristallografiya, v. 10, no. 1, 1965, 29-31

TOPIC TAGS: scandium, hydrogen, x ray analysis, crystal lattice structure

ABSTRACT: Metallic scandium 99.8% pure was saturated with hydrogen by thermal activation, after which an x-ray structural analysis was made by the Debye method. There is a gradual increase in the hexagonal lattice constants with increase in hydrogen content. The maximum constants for the  $\alpha$ -phase at 28 atomic percent hydrogen are  $a = 3.34$  and  $c = 5.29$  Å. At 30 atomic percent hydrogen the first lines of the cubic  $\beta$ -phase -- 111 and 113 -- appear. Then comes a two-phase region in which, with increase in the amount of hydrogen, the lines from the hexagonal phase gradually disappear, and the lines from the cubic phase become stronger. In the range from 62.5 to 67 atomic percent hydrogen a narrow homogeneous cubic  $\beta$ -phase region is observed. Under all conditions the cubic lattice period remains constant and has the value  $a = 4.701$  Å. The lattice constants of the hexagonal and cubic phases are nearly the same as for zirconium. In showing a continuous increase in the constants of the  $\alpha$ -phase, scandium differs from titanium and zirconium. The constants of the  $\alpha$ -phase continue to

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ACC NR: AF6012939

increase even in the two-phase region. The maximum increase in volume of the unit cell of the  $\alpha$ -phase is  $\sim 3\%$ . For concentrations up to 67 atomic percent hydrogen no tetragonal distortions of the cell of the  $\beta$ -phase were observed.  
Orig. art. has: 3 figures. [JPRS]

SUB CODE: 20 / SUIM DATE: 01Apr64 / ORIG REF: 003 / OTH REF: 002

Card 2/2 BLG

SOV/70-3-5-2/24

AUTHORS: Sof'ina, V.V., Azarkh, Z.M. and Orlova, N.N.

TITLE: An X-ray Structural Phase Analysis of the System  
Zr-H i Ti-H (Rentgenostrukturnyy fazovyy analiz  
sistem Zr-H and Ti-H)

PERIODICAL: Kristallografiya, 1958, Vol 3, Nr 5, pp 539-544 (USSR)

ABSTRACT: The Zr-H and Ti-H systems have been investigated by Hägg (Z. Phys. Chem., Vol 11, p 433, 1931). In the Zr-H system, he established five phases: Zr (alpha phase); a cubic face-centred beta phase with  $a = 4.664 \text{ \AA}$  and composition near  $\text{Zr}_4\text{H}$ ; near  $\text{Zr}_2\text{H}$  a hexagonal phase, gamma, with a large cell; near  $\text{ZrH}$  a face-centred cubic delta phase with  $a = 4.77 \text{ \AA}$ ; and at  $\text{ZrH}_2$  a tetragonal epsilon phase. In the Ti-H system, there were only two phases, the metal up to 33 atm. % H and a beta phase with a face-centred cubic structure and composition range 50-62.4 at % H. Except for  $\text{ZrH}_2$ , in which Hägg thought pairs of H atoms occurred in octahedral vacancies, all H atoms were thought to be in tetrahedral sites.

Card1/3 For the present investigation Zr foil 30-40  $\mu$  thick and

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**An X-ray Structural Phase Analysis of the System Zr-H and Ti-H**

powdered Ti were used (99% purity). Diffraction pictures were taken in a 57.3 mm dia camera with unfiltered Fe radiation. V and Ti anodes were used for the Ti system. For the Zr system, the  $\alpha$ -phase contained up to 10% H with a hexagonal cell with  $a = 3.23$  and  $c = 5.14$  Å. The  $\beta$ -phase ( $a = 4.76$ ) appeared at 18% H but the  $\alpha$ -phase continued to appear up to 58% H. The  $\beta$ -phase was found to be homogeneous between 60 and 62% H and was replaced by a tetragonal distortion above 62%. At 65%, the cell had  $a = 4.97$  and  $c = 4.44$  Å and at 63.5%  $a = 4.90$  and  $c = 4.53$  Å (in each case  $\pm 0.005$  Å). The other observations of Hägg were not confirmed. The Ti metal phase had the hexagonal alpha structure with  $a = 2.95$  and  $c = 4.70$  Å. At 55.2 atm % H, the  $\beta$ -phase had a face-centred cubic structure with  $a = 4.39$ . Between 25.0 and 41.5%, both phases were observed. At 60% the 002, 022 and 113 reflections of the  $\beta$ -phase began to broaden and at 64.3%, a tetragonal distortion became apparent where  $a = 4.45$  and  $c = 4.35$  Å. The very strong 111 reflection from the cubic  $\beta$ -phase coincides with the 100 reflection from the hexagonal  $\alpha$ -phase.

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An X-ray Structural Phase Analysis of the System Zr-H and Ti-H

The results obtained agree with those of Sidhu and McGuire (J.App.Phys, 1952, Vol 23, p 1257) who studied the Hf-H system which the two systems studied here resemble.

There are 5 figures and 10 references, 6 of which are Soviet, 1 German and 3 English.

SUBMITTED: January 12, 1958

Card 3/3

GORBATOV, Vasiliy Matveyevich, dots.; MANEJBERGER, Aleksandr Abramovich, prof.; GOLOVKIN, N.A., prof., doktor tekhn. nauk, retsenzent; AZARKH, Z.Sh., inzh., retsenzent; KOSSOVA, O.N., red.; ZARSHCHIKOVA, L.N., tekhn. red.

[Use of refrigeration in the meat industry] Primenenie kholoda v miasnoi promyshlennosti. Moskva, Pishchepromizdat, 1963. 286 p. (MIRA 16:5)

(Meat—Preservation)  
(Refrigeration and refrigerating machinery)

AZARKIN, I.

Advanced team, Stroitel' no.6:23 Je '61.  
(Komsomolsk-On-Amur—Masonry)

(MIRA 14:7)

AZARKIN, V.

Metallurgists of the northern Urals. Prof.-tekhn. obr. 12 no. 4:4-5  
Ap '55. (MLRA 8:7)

1. Direktor remeslennogo uchilishcha №.6 g. Serova (Sverdlovskaya  
oblast'). (Serov--Technical education)

AZARKO, K.

Bureau Veritas. Mor. flot 21 no.9:38-39 S '61. (MIRA '14:9)

1. Zamestitel' nachal'nika Otdela klassifikatsii i tekhnicheskogo nadzora Glavnogo upravleniya Registra SSSR,  
(France--Ship registers)

CA  
424056, FBI

Permutite treatment of sea water. A. P. Manet and  
I. N. Anokho. *Investig. Reptodekhs. Inst.* 1935, No. 10,  
30, 4.—Sea water can be softened with permutite to  
0.8-2.3% hardness (German), depending upon the  
concn. of Na. The effect of the glauconite when treating  
sea water (1 cu. m. per hr. through a 380-mm. layer) is  
for Caspian Sea water 0.38% and for Black Sea water  
0.36%. An increase in the filtration velocity and temp  
lowers the efficiency of the treatment. The expts. are  
described.  
A. A. Buchtingk.

AZARKO, K.

Contractual relations of the Register of the U.S.S.R. with  
foreign classification organizations and societies. Mor.  
flobt 24 no.2:41-43 F '64. (MIRA 18:12)

1. Zamostitel' nachal'nika otdela klassifikatsii i  
tekhnicheskogo nadzora Glavnogo upravleniya Registra  
SSSR.

AZARKO, T.V., inzh.

In the Learned Council of the All-Union Heat Engineering Institute.  
Teploenergetika & no.10:94 O '61. (MIRA 14:10)  
(Boilers)

AZARKO, V.I.

Metal brooms should be replaced. lvt. dor. 28 no.9:10  
S '65. (MIRA 18:10)

1. Starshiy inzhener Upravleniya dorogi Moskva-Leningrad.

AZARKOVICH, A.S., gornyy inzh.; DAVYDOV, S.A.

Basic principles for planning blasting operations using the method  
of borehole charges. Vzryv. delo no.47/4:274-285 '61.  
(MIRA 1512)

1. Proizvodstvenno-eksperimental'noye upravleniye Vsesoyuznogo  
tresta po burovym i vzryvnym rabotam.  
(Blasting)

PLAKHIN, V.K.; AZARKOVICH, A.Ye., inzh.

Construction of levels for ore recovery in the Kochkar' Mine.  
Gor. zhur. no.9:20-23 S '61. (MIRA 16:7)

1. Glavnnyy inzh. shakhty im. Frunze, g. Plast Chelyabinskoy obl.  
(for Plakhin). 2. Vsesoyuznyy trest po burevym i vzryvnym rabotam,  
Moskva (for Azarkovich).  
(Kochkar' region--Mining engineering)

AZAREKOVICH, A.Ye., student V kursa; PLAKHIN, V.K., student V kursa

Selecting an efficient bottom design in lode mining by the battery  
breast method. Nauch rab. stud. GNSO MGI no.5:7-22 '57.  
(MIRA 11:11)

(Mining engineering)

AUTHOR: Azarkovich, A.Ye. and Ruchkin, V.M., Engineers 127-58-7-9/20

TITLE: Results of the Industrial Testing of the Electric Detonators ED-8-56 (Rezul'taty proizvodstvennykh ispytaniy elektro-detonatorov ED-8-56)

PERIODICAL: Gornyy zhurnal, 1958, Nr 7, pp 51-55 (USSR)

ABSTRACT: The "ED-8-56" instantaneous action electric detonators, with nichrome incandescent bridges were recently introduced into the mining industry. The authors give advice on how to use them under different working conditions and with different electric currents.  
There are 3 tables, 2 graphs and 2 Soviet references.

ASSOCIATION: Soyuzvzryvprom

Card 1/1 1. Detonators-Test methods 2. Detonators-Test results

AZARKOVICH, A.Ye., gornyy inzh.; DONSKOY, M.G., gornyy inzh.;  
KURMANOV, M.M., gornyy inzh.

Efficiency of lowering the yield of oversize during primary  
blasting. Vzryv. rab. no.4:104-111 '60. (MIRA 15:1)

1. Proizvodstvenno-eksperimental'noye upravleniye Vsesoyuznogo  
tresta po burovym i vzryvnym rabotam.  
(Blasting)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102720004-5

AZARKOVICH, A.Ye., inzh.; CHISTOSERDOV, B.I., inzh.; DAVYDOV, S.A., inzh.

Effect of spacing between boreholes on the results of blasting.  
Vzryv. delo no.45:63-75 '60. (MIRA 14:1)  
(Blasting)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102720004-5"

AZARKOVICH, A.Ye., inzh.

Principle of a constant unit consumption of explosives. Vzryv.  
delo no.45:76-85 '60. (MIRA 14:1)  
(Explosives)

AZARKOVICH, A. YE.

21

PHASE I BOOK EXPLOITATION

SOV/6098

Assonov, V. A., and L. A. Paporotskiy, Resp. Eds.

Novoye v sredstvakh i sposobakh vzryvaniya (New Developments in Blasting Means and Methods). Moscow, Gosgortekhizdat, 1962. 124 p. (Series: Vzryvnoye delo; Sbornik no. 48/5) Errata slip inserted. 3000 copies printed.

Sponsoring Agency: Nauchno-tekhnicheskoye gosnoye obshchestvo.

Ed. of Publishing House: A. Ya. Koston'yan; Tech. Eds.: L. I. Minsker and G. M. Ilinskaya.

PURPOSE: The book is intended for mining engineers, workers in scientific research and planning organizations, and also for teachers and students of mining and technical schools.

COVERAGE: This collection of articles describes new blasting means and methods, means of protecting electric detonators from stray currents, and improved methods of short-delay detonation.

Card 1/6

New Developments in Blasting Means (Cont.) SOV/6098

Azarkovich, A. Ye. Connecting Electric Detonators in Parallel When Detonating With A Condenser	44
Strausman, R. Ya. Network Layouts When Blasting With a Current of Limited Capacity	51
Azarkovich, M. Ye. Doubling Electric Detonating Networks [With Backup Network]	59
Ozernoy, M. I. Protecting Electric Detonators From Premature Firing by Stray Currents	66
Ruchkin, N. M., and R. Ya. Strausman. Electric Detonating in Stray-Current Danger Zones	87
Kushnarev, D. M., and V. P. Pavlov. Investigation of the Danger of Stray Currents When Using Electric Detonators With Nichrome Incandescent Bridges	92

Card 4/6

AZARKOVICH, A.Ye.

Parallel connection of electric detonators in blasting with  
condensers. Vzryv. delo no.48/5:44-51 '62. (MIRA 15:9)

1. Proizvodstvenno-eksperimental'noye upravleniye tresta  
Soyuzvzryvprom.  
(Detonators)

AZARKOVICH, A.Ye.

Duplicating electric blasting networks. Vzryv. delo no.48/5:  
59-66 '62. (MIRA 15:9)

1. Proizvodstvenno-eksperimental'noye upravleniye tresta  
Scyuzvzryvprom.  
(Detonators) (Electric networks)

RUBTSOV, V.K., gornyy inzh.; AZARKOVICH, A.Ye., gornyy inzh.

Study of the action of explosions in the heart of a massif during  
multirow blasting. Gor.zhur. no.2:41-42 P '63. (MIRA 16:2)

1. Proizvodstvenno-eksperimental'noye upravleniye Vsesoyuznogo  
gosudarstvennogo tresta po provedeniyu burovzryvnykh rabot (for  
Rubtsov). 2. Tsentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy  
institut tsvetnykh, redkikh i. blagorodnykh metallov,  
Moskva (for Azarkovich).

(Blasting)

ALEKSANDROV, N.N., gornyy inzh.; AZARKOVICH, A.Ye., gornyy inzh.;  
IGNAT'YEV, N.N., gornyy inzh.

Using continuous equipment in rock blasting. Gor. zhur. no.9:  
30-32 S '63. (MIRA 16:10)

1. Tsentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut  
tsvetnykh, redkikh i blagorodnykh metallov, Moskva.

AZARKOVICH, V. inzh.; PETUKHOV, V.P., inzh.

Use of boring and blasting in building to loosen frozen ground.  
Vzryv. delo no.51/8:404-411 '63. (MIRA 16:6)

1. Proizvodstvenno-eksperimental'nye upravleniya Vsesoyuznogo  
gosudarstvennogo tresta po provedeniyu burovzryvnykh rabot.  
(Frozen ground) (Boring) (Blasting)  
(Building—Cold weather conditions)

ALEKSANDROV, N.H., gornyy inzh.; AZARKOVICH, A.Ye., gornyy inzh.

Crushing rocks by blasting in order to use continuous operation equipment. Gor. zhur. no.6:35-37 Je '64. (MIRA 17:11)

1. TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy institut tsvetnykh, redkikh i blagorodnykh metallov, Moskva.

AZARKOVICH, A.Ye., inzh.

Breaking range of an elongated charge. Vzryv. delo  
no.57/14:105-112 '65. (MIRA 18:11)

1. TSentral'nyy nauchno-issledovatel'skiy gornorazvedochnyy  
institut tsvetnykh, redkikh i blagorodnykh metallov, Moskva.

12.6.19/NOV/ICLH/VB Sh.				
18-218	Varkovitch, P. Sh. and Margolin, I. M. Maly and other river names. Meteorologiya i Gidrologiya fig., table, ref. DWB—The results of a 5-6 year series of observations on the flow normal of small rivers carried out in the basin of the Upper Volga are analyzed. The flow normal & for each point, the mean annual flow in liters/sec/km <sup>2</sup> and the degree of woodiness and marshiness are given in a table and the dependence between the coefficient of diminution of flow normal of small rivers upon woodiness and swampliness is shown in a graph. Subject Headings: 1. River flow 2. Volga River.—J.L.D.	551.579.4:551.482 raki i ikh norma stoka. [Small rivers] Moscow, No. 3:44-46, May/June 1955.	#3	

Azarkovich, Ye. Sh.

99-8-6/12

AUTHOR: Azarkovich, Ye. Sh., Engineer, and Leyvikov, M.L., Engineer

TITLE: Standards of Water Discharges at the Beginning of Pre-Seeding and Seeding Periods in the Upper Volga Basin (Normy stoka nachala predposevnogo i posevnogo periodov v basseynye verkhney Volgi)

PERIODICAL: "Gidrotekhnika i Melioratsiya", 1957, Nr 8, pp 31-41 (USSR)

ABSTRACT: Generally, the dates of beginning of the pre-seeding and seeding periods have been established at drainage projects by one of the following methods: 1. statistical method, 2. in relation to the beginning of maximal spring floods, 3. according to the sum of average daily air temperatures beginning from the day of the disappearance of the snow cover. As these methods were inaccurate, the author recommends a new method of establishing standard water discharges (drainage discharges) at the beginning of the pre-seeding and seeding periods based on observations made on 34 discharge direction lines in the Upper Volga Basin (inclusive the Oka River). Seeding operations can be started for many early cultures

Card 1/3

99-8-6/J2

Standards of Water Discharges at the Beginning of Pre-Seeding and Seeding Periods in the Upper Volga Basin.

higher than  $+ 5^{\circ}\text{C}$ , d - number of days of the foregoing month. Dates obtained for the beginning of the pre-seeding period in the Upper Volga Basin by using this formula vary from 16 Apr to 22 April. The beginning of pre-seeding periods are established annually for every drainage basin, and the annual modules of water run-off calculations are based on average figures of 5-days periods, in which the beginning of the pre-seeding time, and 2 days before and after this date, are included. Average values of run-off modules for several years are derived from yearly averages. Modules of run-off at the beginning of a pre-seeding period in districts with uniform soils show a direct relation to the size of the drainage basin, and a reverse relation to the extent of woodlands. The article contains 1 figure, 4 tables, 4 diagrams and 5 Slavic references.

ASSOCIATION: VNIIGIM

AVAILABLE: Library of Congress

Card 3/3

LEYVIKOV, Moisey L'vovich; AZARKOVICH, Yermikhim Shmerkovich; FLEKSER,  
Ya.N., doktor tekhn.nauk, retsenzent; IVANOV, A.D., inzhener-  
gidrotehnik, retsenzent; ORLOVA, V.P., red.; DEYEVA, V.M.,  
tekhn.red.

[Practical work in a course of meteorology, hydrology, and hydro-  
metry] Praktikum po kursu meteorologii, hidrologii i hidrometrii.  
Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959. 310 p. (MIRA 13:8)  
(Hydrology--Problems, exercises, etc.)

AZARKOVICH, Ye.Sh.; LEYVIKOV, M.L.

Water level variations in lakes of the upper Volga Valley.  
Meteor. i gidrol. no.4:47-51 Ap '62. (MIRA 15:5)  
(Volga Valley--Lakes)

AZARKOVICH, Ye.Sh. (Moskva); LEYVIKOV, M.L. (Moskva)

Normal annual runoff and its variability in the case of small  
rivers. Meteor.i gidrol. no.8:22-27 Jl [i.e. Ag.] '62.  
(MIRA 15:7)

(Runoff)

L 64153-65	EWT(1)/ENG(m)/T/ENG(c)/EWA(h)	IJP(c) AT UR/0377/65/000/002/0054/0056 21 25 T3 25
ACCESSION NR: AP5019319		
AUTHOR: Arazmedov, B.		
TITLE: Calculation of the optimum coefficient of a solar thermoelectric generator		
SOURCE: Geliotekhnika, no. 2, 1965, 54-56		
TOPIC TAGS: solar thermoelectric generator, thermopile, thermoelectric generator, solar generator		
ABSTRACT: The article presents a method for calculating the optimum temperature of the hot junction of a solar thermoelectric generator (STEG) relative to the efficiency of the generator as a function of the concentration of solar rays (C), allowing for the maximum efficiency of the thermopile itself. The overall efficiency of the STEG can be determined from the relation		
$\eta_{max}$ steg	$RA \frac{T_1 - T_2}{T_1} \frac{\sqrt{1 + \frac{2}{3}(T_1 + T_2)} - 1}{\sqrt{1 + \frac{2}{3}(T_1 + T_2) + T_1}} \left[ 1 - \frac{(T_1 - T_0) + (T_1 - T_2)}{RAK} \right]$	
Card 1/2		

L 64153..65

ACCESSION NR: AP5019319

The optimum concentration of solar rays for a given temperature of the hot junction of the STEG is obtained from the formula

$$K = \frac{1}{RAI_0} \left[ \frac{(4,7^2 + \sigma)(\lambda) + \sigma}{Z(1 + \sigma) + \sigma(M + 1)} - \sigma(T_0' - T_0) + \sigma(T_1 - T_0) \right],$$

where  
FAC

$$\sigma = \frac{T_0'}{T_1}; \quad M = \sqrt{1 + \frac{Z}{2}(T_1 + T_0)}.$$

Using formula (1), one can calculate the maximum efficiency of the STEG. Data obtained in the article show that the use of an STEG operating under optimum conditions, account being taken of the maximum efficiency of the thermopile, is convenient, although the necessary optimum concentration is higher in this case.

Orig. art. has: 1 table and 2 formulas.

ASSOCIATION: Fiziko-tehnicheskiy institut AN TurkSSR (Physicotechnical Institute, AN TurkSSR)

SUMMITTED: 04Jan5

Cord 2/2 NO REF Sov: 003 /221r

ENCL: 00

OTHER: 00

SUB CODE: EE ,AA

AZARNIKOV, M.V.

Dynamics and kinetics of sucker rod hoisting in exploratory  
drilling for oil traps. Izv.vys.ucheb.zav.; neft' i gaz 1  
(MIRA 12:5)  
no.11:53-58 '58.

1. Kuybyshevskiy industrial'nyy institut im. V.V. Kuybysheva.  
(Sucker rods)

AZARNIKOV, M.V.

Selecting intermediate speeds for a structural drilling hoist.  
Izv. vys. ucheb. zav.; neft' i gaz 2 no.6:33-37 '59.  
(MIRA 12:10)

1. Kuybyshevskiy industrial'nyy institut im. V.V. Kuybysheva.  
(Hoisting machinery)

ZYSKIN, Aleksandr Vasil'yevich; AZARNINA, N.I., red.; LEUSHCHENKO,  
N.L., tekhn. red.

[Calorifiers and air preheaters in construction] Kalorifery i  
vozdukhopodogrevateli v stroitel'stve. Kiev, Gos. izd-vo lit-ry  
po stroit. i arkhit. USSR, 1961. 72 p. (MIRA 15:3)  
(Air preheaters)

LIVSHITS, Yakov Davidovich, prof.; SEMENOV, Pavel Ivanovich, dots.;  
AZARNINA, N.I., red.; LEUSHCHENKO, N.L., tekhn. red.

[Exercises in structural mechanics] Sbornik uprazhnenii po  
stroitel'noi mekhanike. 2. izd., dop. Kiev, Gosstroizdat  
USSR, 1962. 334 p. (MIRA 15:12)

1. Kiievskiy avtomobil'no-dorozhnyy institut (for Livshits).
2. Kiievskiy inzhenerno-stroitel'nyy institut (for Semenov).  
(Structures, Theory of--Problems, exercises, etc.)

AZARNINA, N.I., red.; ZELENKOVA, Ye.Ye., tekhn. red.

[Mechanization and automation of woodworking processes] Mekhani-  
zatsiya i avtomatizatsiya protsessov derevoobrabotki; sbornik  
trudov. Kiev, Gosstroizdat USSR, 1962. 73 p. (MIRA 15:12)

1. Akademiya budivnyt. i arkhitektury URSR. Ukrainskii na-  
uchno-issledovatel'skiy institut mekhanicheskoy obrabotki dre-  
vesiny.

(Woodworking industries—Equipment and supplies)  
(Automatic control)

DUDNIK, Nina Alichmovna; PUTILIN, Vladimir Georgiyevich; KHURGIN,  
Georgiy Solomonovich; AZARNINA, N.I., red.; ZELENKOVA, Ye.Ye.,  
tekhn. red.

[Building materials] Stroitel'nye materialy. [By] N.A. Dudnik i dr.  
Kiev, Gosstroizdat USSR, 1962. 189 p. (MIRA 16:3)  
(Building materials)

ULITSKIY, Iosif Ioakhimovich; METELYUK, Nikolay Semenovich;  
REMINETS, Georgiy Mikhaylovich; AZARINA, N.I., red.;  
YEREMINA, I.A., tekhn. red.

[Rigidity of reinforced concrete elements under bending]  
Zhestkost' izgibaemykh zhelezobetonnykh elementov. Kiev,  
Gosstroizdat USSR, 1963. 83 p. (MIRA 16:7)  
(Reinforced concrete)

BRAZNIK, Leonid Ivanovich; CHEPURINA, Nikolay Petrovich; ZELENYY,  
Il'ya Iosifovich; AZARNINA, N.I., red.; YEREMINA, I.A.,  
tekhn. red.

[Prestressing of reinforcements using an electric heating  
technique] Napriazhenie armatury metodom elektronagreva.  
Kiev, Gosstroizdat, USSR, 1963. 96 p. (MIRA 17:1)  
(Prestressed concrete)  
(Concrete reinforcement)

ORLOV, Izrail' Naumovich; ZASLAVSKIY, Naum Moiseyevich; AZARNINA,  
N.I., red.; LEUSHCHENKO, N.L., tekhn. red.

[Developing and applying consolidated standards in building;  
the practices of the Main Construction Administration  
of the City of Kiev] Razrabotka i primenenie ukrupnennykh  
normativov v stroitel'stve; opyt Glavkievgorstroia. Kiev,  
Gosstroizdat USSR, 1963. 113 p. (MIRA 17:2)

RAZUMENKO, Aleksey Venediktovich; AZAROV, Iosif Davidovich; BOROVIK,  
F.V., kand.ekonom.nauk, nauchnyy red.; SHEVLIAK, V.A., red.;  
VOROTYNSKAYA, S.A., tekhnred.

[Commerce in the White Russian S.S.R. during the seven-year  
plan] Torgovlia v Belorusskoi SSR v semiletke. Minsk, 1960.  
23 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh  
znamii Belorusskoi SSR, no.3).

(MIRA 13:6)

(White Russia--Commerce)

AZARNOVA, T.A.

Four variable stars. Per.zvezdy 9 no.1:36-47 S'52. (MLRA 8:1)

1. Glavnaya astronomicheskaya observatoriya AN USSR  
(Stars, Variable)

AZARNOVA, T. A.

Stars, Variable

Two uninvestigated variables, SPZ 990 Sagittariy and 121. 1936 Aquilae. Astron. tsir. No. 125, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

AZARNOVA, T.A.

Two variable stars X Cygni and BD Andromedae. Per. zvezdy 11 no.4:  
316-320 N '56. (MIRA 12:1)

1. Glavnaya astronomicheskaya observatoriya AN USSR. (Kiyev,  
Goloseyevo).

(Stars, Variable)

AZARNOVA, T.A.

VV Andromedae. Per. zverzdy ll no. 398-399 Jl '56. (MIRA 12:1)

1. Glavnaya astronemicheskaya observatoriya AN USSR Kiiev, Geloseyovo.  
(Stars, Variable)

AZARNOVA, T.A.

AD Andromedae. Per. zverzdy 11 no.5:399-401 Jl '56. (MIRA 12:1.)

1.Glavnaya astronomicheskaya observatoriya AN USSR Kiyev, Goloseyovo.  
(Stars, Variable)

AZARNOVA, T.A.

Study of AC Andromedae. Astron.tsirk.no.170:10-11 '56.  
(MIRA 9:10)

1.Glavnyaya astronomicheskaya observatoriya Akademii nauk USSR,  
Kiyev.  
(Stars, Variable)

AZARNOVA, T.A.

Visual observations of three Cepheids. [with summary in English],  
Per.zvezdy 11 no.3:218-221 F '57. (MIRA 12:1)

1. Glavnaya astronomicheskaya observatoriya AN USSR, Goloseyovo.  
(Cepheids)

AZARNOVA, T.A.

IR Cassiopeiae. Perseidy 12 no.1:74-75 S '57.  
[Publ.1959.] (MIRA 13:5)

1. Glavnaya astronomicheskaya observatoriya Akademiya Nauk USSR, Kiyev.  
(Stars, Variable)

AZARNOVA, T.A.

RE. Lacertae. Per.zvezdy 12 no.1:76-77 S '57 [Publ.1959.]  
(MIRA 13:5)

1. Glavnaya astronomicheskaya observatoriya AN USSR, Kiyev.  
(Stars, Variable)

AZARNOVA, T.A.

Some peculiarities in the variations of brightness of AC  
Andromedae. Per.svezdy 12 no.2:83-98 N '57.  
(MIRA 13:4)

1. Glavnaya astronomicheskaya observatoriya AN USSR, Kiyev.  
(Stars, Variable)

"APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102720004-5

AZARNOVA, T.A. (Kiyev)

Visual observations of X Cygni, SU Cygni, and η Aquilae. Per.  
zvezdy 12 no.6:422-426 Je '59. (MIRA 13:9)  
(Stars, Variables)

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102720004-5"

AZARNOVA, T.A.

Visual observations of four variable stars. Per.zvezdy 13  
no.4:284-289 Mr '62. (MIRA 15:3)  
(Stars, Variable)

AZARNOVA, T.A.

Visual observations of four long-period Cepheids. Per.zvezdy 14  
no.1:47-52 Ja 62. (MIRA 17:3)

AZARNOVA, Taisiya Andreyevna; SHEMETS', Nina Aleksandrovna;  
KOLCHINSKIY, I.G.[Kolchins'kyi, I.H.], kand. fiz.-mat.  
nauk, red.

[Astronomy in the Ukraine, 1918-1962; bibliographical  
index] Astronomiia na Ukrayni (1918-1962 rr); bibliografichnyi  
pokazhchyk. Kyiv, Naukova dumka, 1965. 160 p.

(MIRA 18:4)

AZARNOVA, T.A. (Kiev)

XX Andromedae. Per. zvezdy 14 no.5:485-492 D '63.

Maxima of eight variable stars. Ibid.:504-506

(MIRA 18:5)

MATVEYEV, V.N.; OSTAPENKO, V.F.; RAU, B.B.; AZAROVA, A.S.,  
kand. tekhn. nauk, dots., red.

[Machine-tool units] Agregatnye stanki. Moskva, Mashino-  
stroenie, 1965. 234 p. (MIRA 18:7)

L 51389-45		
ACCESSION NR: AP5011969		UR/0348/65/000/002/0018/0020
AUTHOR: Azaryan, M. (Senior research associate)		9
TITLE: New toxins in rodent control		6
SOURCE: Zashchita rasteniy ot vrediteley i bolezney, no. 2, 1965, 18-20		
TOPIC TAGS: agriculture, pesticide, toxin, toxic effect, toxic substance		
ABSTRACT: Barium fluoracetate and fluoroacetamide produced in the SSSR are nearly equal to the zoocides used elsewhere. They are white, finely crystalline, odorless, and tasteless powders, readily soluble in water, and capable of penetrating the grain used as a bait. The author states that their effects are cumulative, lists the amounts of grain delivering lethal doses to various small rodents, and claims that they render the grain incapable of germination. The chemicals are also lethal to the insect and arthropode parasites associated with the poisoned animals. A new preparation "Gifitor" is even more effective. Absorbed by various grains, these toxins may be distributed by airplanes at the rate of 0.3-3 kg/hectare. Since they retain their characteristics for 4 months of dry storage, they may be prepared and kept for use at a central station. Recommendations are given as to the type of equipment and amounts of water to be used for the preparation, time of their application, method of serial distribution, and amount of time necessary before allowing		
Cord 1/2		

1. 51389-65	ACCESSION NR: AP501196	Circled 'O'		
livestock onto the treated areas. Costs of large-scale agricultural treatment and the necessary safety measures are explained. Orig. art. has: 1 table.				
ASSOCIATION: GobNII GA		ENCL: 00	SUB CODES: 1S	
SUBMITTED: 00	NO REF NOV: 000	OTHER: 000		
Card 2/2				

USSR/Pharmacology and Toxicology. Chemotherapeutic Preparations  
Antitubercular Drugs.

V-7

Abs Jour : Ref Zhur - Biol., No 15, 1958, No 71292

Author : Alimov Sh.A., Azarnykh M.A.  
Inst : Uzbekistan Scientific Research Tuberculosis Institute  
Title : Metazid in the Treatment of Patients Affected with Pul-  
monary Tuberculosis.

Orig Pub : Sb. tr. Uzb. n.-i. tuberk. in-t, 1957, 3, 76-82

Abstract : Forty-eight patients affected with various forms of pulmonary tuberculosis were treated with metazid (M) (product of the condensation of isoniazid with formalin) in doses of 0.2-0.3 g. 3 times a day before meals, per os. For a course of treatment, 20-50 g. of M (in 5 patients up to 80 g.) were used. In the outcome of the treatment with M, an improvement of the general condition (normalization of temperature, abatement of cough, reduction of catarrhal symptoms in the lungs, slowing down of E.S.R., increase in weight) was observed almost in all patients. In 6 out of 29 patients, bacteria

Card : 1/2

-1.

ALIMOV, Sh.A.; AZARNYKH, M.A.

Metacide in the treatment of tuberculosis. Dokl.AN Uz. SSR no.  
4:63-66 '57. (MIRA 11:5)

1. Uzbekskiy nauchno-issledovatel'skiy tuberkuleznyy institut.  
Predstavleno akad. AN UzSSR A.Yu. Yunosovym.  
(Metacide) (Tuberculosis)

ALIMOV, Sh.A., prof.; AZARNYKH, M.A.

Treatment of pulmonary tuberculosis with cycloserine. Med, zhur.  
Uzb. no.12:9-12 D '60. (MIRA 14:1)

Iz Uzbekskogo nauchno-issledovatel'skogo tuberkuleznogo instituta.  
(TUBERCULOSIS) (ISOXAZOLIDINONE)

ALIMOV, Sh.A.; AZARNYKH, M.A.

Effectiveness of metazide in the treatment of pulmonary tuberculosis.  
Khim. i med. no.14:70-76 '60. (MIRA 14:12)

1. Klinicheskoye otdeleniye Uzbekskogo nauchno-issledovatel'skogo  
tuberkuleznogo instituta (dir. - prof. Sh.A.Alimov).  
(TUBERCULOSIS) (METAZIDE)

AZARNYKH, M. A., mlad. nauchn. sotrud.

Gummatus cavernous syphilis of the lungs. Probl. tub. no. 7:118  
'6!.

(MIRA 14:12)

1. Iz klinicheskogo otdeleniya Uzbekskogo nauchno-issledovatel'skogo tuberkuleznogo instituta (dir. - prof. Sh. A. Alimov)

(LUNGS-SYPHILIS)

AZAROSYAN, R.N., dotsent

Morphological changes in the ovaries following chronic inflammatory processes in the true pelvis. Med. zhur. Uzb. no.12:76-77 D '61.

(MIRA 15:2)

1. Iz kafedry akusherstva i ginekologii (zav. - prof. N.T.Rayevskaya)  
Tashkentskogo instituta usovershenstvovaniya vrachey.  
(OVADISEASES) (PELVISDISEASES)

AZAROV, A., polkovnik, kand.tekhn.nauk

Calculating the speed and altitude of the flight.  
Av. i kosm. 45 no.11:40-45 '62. (MIRA 15:11)  
(Airplanes—Piloting)

AZAROV, A.A.

AUTHOR: Azarov, A.A.

11-1-6/29

TITLE: The Age of Coal-Bearing Deposits of the Trans-Baykal (K voprosu o vozraste uglenosnykh otlozheniy v Zabaykal'ye)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1958,  
# 1, pp 74-75 (USSR)

ABSTRACT: In the section "Critique and Discussion" of the periodical "Izvestiya Akademii Nauk, Seriya Geologicheskaya", No 6, 1956, remarks of B.A. Ivanov were published according to views expressed by G.G. Martinson pertaining to the age of coal-bearing deposits of the Trans-Baykal area. According to the work of B.A. Ivanov all coal-bearing deposits of the Trans-Baykal belong to the Lower Cretaceous period. The essence of the viewpoint of G.G. Martinson is that the process of coal-forming in the same depression (for instance in the Gusinozero-skaya or Tarbagatayskaya) took place during the time between the Middle Jurassic and the Lower Cretaceous periods. It can not be doubted that coal-bearing layers of the Trans-Baykal are of different age, and that coal deposits are associated with Jurassic as well as with Cretaceous periods. The author refers to numerous faunal and floral petrifications of the Upper Jurassic and Lower Cretaceous periods found in the

Card 1/2

AZAROV, A.A. (Orel)

Good living conditions for railroad workers. Put' i put.khoz.  
4 no.1:22 Ja '60. (MIRA 13:5)

1. Predsedatel' mestkoma Orlovskoy distantsii puti.  
(Orel District--Railroad--Employees)

SOV/127-58-2-25/26

AUTHORS: Belash, F.N., Doctor of Technical Sciences, Professor; De-litsina, G.B., Karmazin, V.I. and Kharlamov, V.S., Candidates of Technical Sciences, ~~Azarov, A.V.~~, Dolotova, I.A. and Rovenskiy, I.I., Engineers

TITLE: The Concentration and Agglomeration of Minerals in North-Western Regions of the USSR (Obogashcheniye i aglomeratsiya poleznykh iskopayemykh Severo-Zapadnykh rayonov SSSR). Leningrad, Mekhanobr, 1957, vol. 102, 344 pp. with illustrations. Circulation 1,700. Price 12 rubles. (Leningrad, Mekhanobr, 1957, vyp. 102. 344 str.s ill. Tirazh 1,700. Tsena 12 rub.)

PERIODICAL: Gornyy zhurnal, 1958, Nr 12, pp 67 - 69 (USSR)

ABSTRACT: This is a review of the above mentioned book.

Card 1/1

BELASH, F.N., prof. doktor tekhn. nauk; DELITSINA, G.B., kand. tekhn.nauk.; KARMAZIN, V.I., kand. tekhn. nauk.; KHARLAMOV, V.S., kand. tekhn.nauk.; AZAROV, A.I., inzh.; DOLOTOVA, I.A., inzh.; ROVENSKIY, I.I., inzh.

"Concentration and agglomeration of minerals from northwestern regions of the U.S.S.R." Collected works by the Scientific Research and Planning Institute for the Mechanical Processing of Minerals, No. 102, 1957. Reviewed by F.N. Belash and others. Gor. zhur. no.12: 67-69 D '58. (MIRA 11:12)

(Russia, Northern--Or, dressing)

AZAROV, A.L., inzh.; PRISHCHENKO, V.I., inzh.

Comparative data on the performance of enlarged mills. Gor. zhur.  
no.7:69-70 Jl '62. (MIRA 15:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
mekhanicheskoy obrabotki poleznykh iskopayemykh, g. Leningrad.  
(Milling machinery)

PRISHCHENKO, V.I.; AZAROV, A.L.

Generalization of the experience of operating the MMD-1500/180  
crusher. Gor.zhur. no.5:58-60 My '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.  
(Crushing machinery)

AZAROV, A.L.; NENAROKOMOV, Yu.F.; GENIKE, O.A.

Practice of planning crushing sections of Krivoy Rog Basin  
Mining and Ore Dressing Combines. Gorn. zhur. no.5:58-62 My  
'63. (MIRA 16:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy institut  
mekhanicheskoy obrabotki poleznykh iskopayemykh, Leningrad.  
(Krivoy Rog Basin--Crushing Machinery)

ZAROV, A.V.

The A221-type aircraft trials. Biplane, 2-seat, inform. no. 4:  
22-30 100. (MIG 17?)  
(Cutting machine)

AIAROV, A. S.

Automatic machining on lathes under conditions of mass production. Mosivs., Jos.  
nauch.-tekhn. izd-vo mashinostroit. lit-ry, 1948. 86 p. (tekhnologija mashinostroenija,  
O:rabotka metallov rezaniem) (49-29369)

TJ1218.A9

S.  
AZAROV, A. Ch.  
25556

Poluchenie tochykh razmerov pri tokarnoy obrabotke. V sb: Nekotorye voprosy tekhnologii mashinostroyeniya. M. L., 1948, s. 105-17

SO: LETOPIS NO. 30, 1948

AGAROV, A. S.

High production manufacture of shafts in machine construction Redaktor D. B.  
Vekser Moskva, Gos. nauchno-tekh. izd-vo mashinostroit. lit-ry, 1981. 222 p. (52-23/37)

TJ1057.A9

1. Shafting. 2. Mechanical engineering.

AZAROV, A. S.

Vysokoproizvoditel'naia obrabotka valov v mashinostroenii. Izdaktor D. S.  
Vakser<sup>7</sup> Moskva, Mashgiz, 1951. 222 p. illus.

Bibliography: p. 206-207.

Highly efficient machining of shafts in mechanical engineering.

DIC: TJ1057.A9

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library  
of Congress, 1953.

AZAROV, A.S., kandidat tekhnicheskikh nauk, dotsent.

Devices for obtaining automatically dimensions on universal  
machines. [Issd] LONITOMASH 24:39-52 '51. (MIRA 8:2)

1. LPI imeni M.I.Kalinina  
(Machine tools)

AZAROV, A.S., kandidat tekhnicheskikh nauk, dotsent (BARSKIY, M.E., inzhener, retsensent; BULOVSKIY, P.I., kandidat tekhnicheskikh nauk, redaktor; POL'SKAYA, R.G., tekhnicheskiy redaktor.)

[Mechanization and automatization in cutting machine parts]  
Mekhanizatsiya i avtomatizatsiya obrabotki detalei rezaniem. Moskva,  
Gos. nauchno-tekhn. izd-vo mashinostroitel'noi lit-ry, 1954. 209 p.  
(Machine tools) (Machinery, Automatic)

(MIRA 7:12)

NIKIFOROV, Vikentiy Markianovich; RYBIN, V.V., inzhener, retsenzent;  
SOKOLOV, A.N., kandidat tekhnicheskikh nauk, redaktor; AZAROV, A.S.,  
kandidat tekhnicheskikh nauk, redaktor; LEYKINA, T.L., redaktor  
izdatel'stva; POL'SKAYA, R.G., tekhnicheskiy redaktor

[Short course in the technology of metals] Kratkii kurs tekhnologii  
metallov. Izd. 2-oe, perer. Moskva, Gos. nauchno-tekhn. izd-vo  
mashinostroit. lit-ry, 1956. 342 p.  
(Metals)

MASLOV, Dmitriy Petrovich; DANILEVSKIY, Vladimir Viktorovich; SASOV,  
Vladimir Viktorovich; IVANOV, A.S., professor, retsenzent;  
OGLOBLIN, A.N., dotsent, retsenzent; AZAROV, A.S., kandidat  
tekhnicheskikh nauk, dotsent, redaktor; GOFMAN, Ye.K., redaktor  
izdatel'stva; POL'SKAYA, R.G., tekhnicheskiy redaktor.

[Technology of machine manufacture] Tekhnologiya mashinostroenija.  
Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1956. 424 p.

(Machinery industry) (Machine tools)

(MLRA 10:5)

SERGEYEV, Mikhail Afanas'yevich, NIKITIN, Pavel Sergeyevich,[deceased],;  
ANSEROV, M.A., kand. tekhn. nauk, dots., red.: AZAROV, A.S., kand.  
tekhn. nauk, dots., red.; LEYKINA, T.L., red. izd-va.; POL'SKAYA, R.G.,  
tekhn. red.

[Organization of work areas and safety engineering] Organizatsiya  
rabochego mesta i tekhnika bezopasnosti. Izd. 2., dop. i perer.  
Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1958.  
52 p. (Bibliotekha tekaria-novatora, no. 10). (MIRA 11:11)  
(Industrial safety)  
(Machine-shop practice)

H Z d a t o v , A .  
BREYKIN, Grigoriy Aleksyevich; PAZYUK, Yevgeniy Ivanovich; ARSEROV, M.A.,  
kand.tekhn.nauk dots., red.; AZAROV, A.S., kand.tekhn.nauk, red.;  
BORODULINA, I.A., red.izd-va; POL'SKAYA, R.G., tekhn.red.

[Machining parts on large lathes] Obrabotka detalei na krupnykh  
tokarnykh stankakh. Pod obshchei red. M.A.Anserova. Moskva, Gos.  
nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1958. 106 p. (Bibliotech-  
ka tokaria-novatora, no.7)  
(Turning) (MIRA 11:5)

DEKHOV, P. N. (Ed.). 1958. DSC.); MALOV, A. N. (Sect. Tech. Sci.);

X. "Mechanization and Automation of Machining Processes on General-purpose Machine Tools. 1. Mechanization and automation of turning operations. 2. Mechanization and automation of milling operations. 3. Mechanization and automation of drilling and boring operations." Automation and Mechanization of Production Processes in Instrument Manufacturing, Moscow, Mashgiz, 1958. 591 p.

PURPOSE: This book is intended for engineers, technicians, and scientific personnel concerned with mechanization and automation of production processes in instrument manufacturing, and for students and teachers of this subject in vuzes.

PHASE I BOOK EXPLOITATION SOV/5676

Azarov, A. S., Candidate of Technical Sciences, Docent, ed.

Prisposobleniya dlya gruppovoy obrabotki detaley; opyt nekotorykh leningradskikh zavodov (Equipment for Group Machining of Machine Parts; Experience of Certain Leningrad Plants) [Leningrad] Lenizdat, 1960. 254 p. 3,000 copies printed.

Scientific Ed.: P. I. Bulovskiy, Doctor of Technical Sciences, Professor; Ed.: A. E. Lepin; Tech. Ed.: R. G. Pol'skaya.

PURPOSE : This collection of articles is intended for technical personnel and skilled workers in machine and instrument plants; it may also be used by students in schools of higher technical education and tekhnikums.

COVERAGE: Basic principles in the design of universal, universal-setup, and group-machining jigs and fixtures are stated. This equipment is also considered from the standpoint of its application in several Leningrad machine and instrument plants.

Card 1/3

## Equipment for Group Machining of (Cont.)

SOV/5676

Yemel'yanov, M. A. Jigs and Fixtures for Group Machining in the  
Milling, Broaching, and Turning of Parts

130

Skornyakov, S. Ya. Universal-Setup Fixtures for Drilling and  
Milling Machines and Lathes

159

Pogodin, B. A. and M. Z. Farberov. Group-Machining Fixtures  
at the "Ekonomayzer" Plant

179

Kladovshchikov, A. T. Universal Standard-Parts Fixtures and  
Indexing Tables in Machine Building

218

AVAILABLE: Library of Congress (TJ1185.P69)

Card 3/3

VK/wrc/jw  
11-15-61

AZAROV, A.S., dotsent, kand.tekhn.nauk; BULOVSKIY, P.I., doktor tekhn.nauk,  
prof., nauchnyy red.; LEPIN, A.E., red.; POL'SKAYA, R.G., tekhn.red.

[Devices for multiple machining of parts; experience of some Leningrad plants] Prisposobleniya dlja gruppovoi obrabotki detalei;  
opyt nekotorykh leningradskikh zavodov. Leningrad, Lenizdat,  
1960. 254 p. (MIRA 14:6)

(Machine tools—Attachments)

MITROFANOV, S.P., kand.tekhn.nauk, laureat Leninskoy premii, red.;  
AZAROV, A.S., kand.tekhn.nauk, red.; GUTNER, N.G., inzh., red.;  
KAMNEV, P.V., kand.tekhn.nauk, red.; KUTAY, A.K., kand.tekhn.  
nauk, red.; REZNIKOV, R.A., inzh., red.; SHALGIN, G.N., kand.  
ekon.nauk, red.; SIMONOVSKIY, N.Z., red.izd-va; SPERANSKAYA,  
O.V., tekhn.red.

[Group techniques in the manufacture of machinery and instruments]  
Gruppovaisa tekhnologija v mashinostroenii i priborostroenii. Moskva,  
Gos.nauchno-tekhn.isd-vo mashinostroit.lit-ry, 1960. 378 p.

(MIRA 13:9)

(Machinery industry) (Instrument manufacture)

ZAZERSKIY, Yevgeniy Ivanovich; GUTHER, Naum Grigor'yevich; KROPIVNITSKIY,  
N.N., inzh., retsenszent; AZAROV, A.I., kand.tekhn.nauk, red.;  
LEYKINA, T.L., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Boring-machine operator] Tokar'-rastochnik. Moskva, Gos.suchno-  
tekhn.izd-vo mashinostroit.lit-ry, 1960. 414 p. (MIRA 13:9)  
(Drilling and boring machinery)  
(Metal cutting)

ANSEROV, Mikhail Alekseyevich, dotsent, kand.tekhn.nauk; AZAROV, A.S.,  
kand.tekhn.nauk, retsentrant; VAKSER, D.B., dotsent, red.;  
CHPAS, M.A., red.izd-va; SHCHETININA, L.V., tekhn.red.

[Attachments for machine tools; design and construction]  
Prisposobleniya dlja metallorezhushchikh stankov; raschety  
i konstruktsii. Moskva, Gos.nauchno-tekhn.izd-vo mashino-  
stroit.lit-ry, 1960. 623 p. (MIRA 14:2)  
(Machine tools--Attachments)

AZAROV, Anatoliy Semenovich, kand. tekhn. nauk, dotsent; BULOVSKIY,  
P.I., doktor tekhn. nauk, prof., ratsenzent; SHAVLYUGA, N.I.,  
kand. tekhn. nauk, dots., red.; BOHODULINA, I.A., red.izd-va;  
PETERSON, M.M., tekhn. red.

[Mechanization and automation of machining processes on lathes]  
Mekhanizatsiya i avtomatizatsiya obrabotki detalei na tokarnykh  
stankakh. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-  
ry, 1961. 223 p. (MIRA 15:1)  
(Lathes--Technological innovations) (Automation)

AZAROV, Anatoliy Samenovich; MALOV, A.N., nauchnyy red.; GORYUNOVA,  
L.K., red.; TOKER, A.M., tekhn. red.

[Modernization and automation of lathes] Modernizatsiya i avto-  
matizatsiya tokarnykh stankov. Moscow, Proftekhnizdat, 1962.  
144 p. (MIRA 16:2)  
(Automation) (Lathes--Technological innovations)

[Liu Nêng-hung]; AZAROV, A.S.

Investigating dynamic errors of hydraulic servosystems with  
valves used in machine tools. Trudy LPI no.219:44-56  
'62. (MIRA 15:12)  
(Hydraulic control)